

PARK OCEANOGRAPHIC

A combined reinforcement was used for a thin shell structure in the oceanographic park Valencia (Spain).

Dramix® RC-80/35-BN (end-hooked, length 35mm, diameter 0,45mm) and a single mesh 78-15cm were applied. Due to the curvature and the limited shell thickness of 6cm to 12cm it would have been very difficult to install a complicated traditional reinforcement in an accurate and safe way. Concrete was applied by shotcrete technology. With the chosen combination, both serviceability and ultimate limit state could be designed.

TYPE OF APPLICATION:

Buildings

LOCATION:

Valencia (Spain)

ENGINEER:

Alberto Domingo Cabo

Technical solution

- Fibre Type: RC-80/35-BN
- Concrete thickness: from 6cm to 12cm
- Concrete quality: C40/50
- Project size: 1000 m²

Benefits

CALL 1300 665 755 (AUS) OR 0800 665 755 (NZ)
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